

HAMMER, S.

"Processes for determining and illustrating the coarseness of foundry sands", p.111,
(KOHASZATI LAPOK, Vol. 8, no. 5, May 1953, Budapest, Hungary)

SO: Monthly List of East European Accessions, L.S., Vol. 2, No. 11, Nov. 1953, Uncl.

DINU, I.V., dr.; ROTH, L., dr.; DINU, N., dr.; HAMMER, A., chim.;
GAVRILESCU, M., dr.

Research on the reticulohistiocytic system in allergy. Influence
of cortisone treatment. Med. intern. 15 no.4:439-445 Ap '63.

1. Lucrare efectuata in Clinica a II-a medicala, I.M. Timisoara
(prof. A. Paunescu-Podeanu).
(RESPIRATORY ALLERGY) (DRUG ALLERGY)
(RETICULOENDOTHELIAL SYSTEM)
(PHAGOCYTOSIS) (CORTISONE)
(URTICARIA)

PAUNESCU-PODEANU, A., prof.; GEORGESCU, I., dr.; HAMMER, A., dr.; MICLEA, F.,
dr.; MUNTEANU, M., dr.; MODULA, P., dr.; DINU, I., dr.; DANCAN, G.,
dr.; CHIRITA, P.

Phenylbutazone as an adjuvant in the therapy of myocardial infarct.
Med. intern., Bucur 13 no.4:533-539 Ap '61.
(MYOCARDIAL INFARCT therapy) (PHENYLBUTAZONE therapy)

PAUNESCU-PODEANU, A., prof.; GEORGESCU, I., dr.; HAMMER, A., dr.; MICLEA, F., dr.;
ROTH, L., dr.; DANCAU, G., dr.

Phenylbutazone in the treatment of phlebothrombosis. Some
new data on the mechanism of action. Med. int., Bucur. 12 no.1:
151-157 Ja '60.

1. Lucrare efectuata in Clinica a II-a medicala, I.M.F. Timisoara.
(THROMBOSIS, therapy)
(PHENYLBUTAZONE, therapy)

HAMKO, Imre

The ten-ton automatic high-speed press. Ujit lap 12 no.19:8 10 0 '60.

1. Tervezo.

Head (NACEINIK) DR C. CICHALIK.

"Incidence and Importance of ECG Abnormalities in Healthy Young Men."

Prague, Casopis Lekaru Ceskych, Vol 105, No 41, 12 Oct 66, pp 1116 - 1122

Abstract/Authors' English summary modified 7: 5000 men aged 18 to 23 were examined; abnormalities of the ECG were found in 3.9%. The abnormalities most frequently observed were: unspecific changes in the ST section, T wave, grade I, AV blocks, AV dissociation with a nodal rhythm, shifting pacemaker, shortening of the PQ interval, auricular rhythm, W-P-W syndrome and extrasystoles. Rare abnormalities included block of the right node of Tawara, auricular fibrillation, paroxysmal supraventricular tachycardia, focal lesion of the myocardium, and grade II AV block. 7 Figures, 2 Tables, 13 Western, 12 Czech, 1 Russian, 1 Polish, 1 Japanese reference. (Manuscript received Oct 65).
1/1

Abstract: Causes of long-lasting loss of consciousness are discussed. The importance of giving immediate aid to the patient before he is transported to a hospital is described. It is necessary to make sure that the vital functions are not damaged (breathing, blood circulation). First steps to help the patient when either of these two functions is impaired are described. Diagnosis of the comatose condition is discussed. Hypothermia, and injuries to the head are reviewed. Loss of consciousness may be due to poisoning; characteristic symptoms of barbiturate and CO poisonings are described. Specific treatment of patients who suffer from poisoning is discussed. 2 Tables, 2 Western, 7 Czech, 2 East German references.
1/1

~~APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000617800012-6~~

HAJDUK, Alois, kapitan, prom. doktor DOKTOR, odličnik, m. 1946,
prom. doktor

Occurrence of false reports of alien presence during the administration of anti-Communist Reg. - 1944-1945, pp. 124-126 of '65.

PIDRICAN, Vladimir; MINULOVA, Libuse; HAMET, Alois; ZALUDA, Karel

The significance of the E-lead in the diagnosis of left ventricular hypertrophy. Sborn. ved. prac. lek. fak. Karlov. Univ. 7 no.5:665-671 '64.

1. (1. interní klinika a katedra všeobecné vnitřní lékařství (prednostn: prof. MUDr. V. Jankovic), Lékařské fakulty Karlový University v Hradci Králové.

HAMERSKY, Jaroslav, inz.

Measurement of the condenser capacity and loss coefficient.
Sdel tech 12 no.4:141-142 Ap '64.

MAZANEK, Jaroslav, inz., dr.; HAMERSKY, Jaroslav, inz.

Behavior of ceramic materials for electric installations
under tropical conditions. El tech obzor 51 no.1:17-22 Ja '62.

1. Vyskumny ustav elektrotechnicke keramiky, Hradec Kralove

Error in the calculation

27/25
Z/014/61/000/009/002/003
E192/E382

ranging from 26 to 2 000 are given in a table. From this it is seen that the error in the case of the approximate formula can be as high as 30%. In the case of the corrected formula, the maximum error is 9%. It appears also that the electrodes of equal size are the most convenient and that the system of type I is quite satisfactory for ϵ up to 100; at higher ϵ it is necessary to extend the electrodes to the edges of the dielectric. There are 2 figures, 1 table and 2 references: 1 Soviet-bloc and 1 non-Soviet bloc.

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27425

Z/014/61/000/009/002/003
E192/E382

Error in the calculation

For the first type of capacitor of Fig. 2, the error is defined by:

$$I. \frac{\Delta \epsilon}{\epsilon} = \left[\left(\frac{\Delta C_x}{C_x} \right)^2 + \left(\frac{\frac{2\pi d}{45,2 s} + 0,0581}{2\pi d^2 + 0,0581 d} \Delta d \right)^2 + \left(\frac{\frac{\pi s}{45,2 s^2} \Delta s}{\frac{\pi d^2}{45,2 s} + 0,0581 d} \right)^2 \right] \quad (9) ;$$

Similarly, it is possible to derive such formulae for the other two capacitors. From examining such formulae it is clear that the highest accuracy will be obtained if the electrodes cover the whole sample (the third system of Fig. 2). The problem was also investigated experimentally by using a Rhode-Schwarz bridge, type VKB, which had a constant error of ± 1 pF. The measurements were carried out in such a way that the electrodes of the first type were formed by depositing a silver layer on a given ceramic sample; the coated area was then extended to obtain the other two types. The results of the measurements on six different materials with permittivities

Card 4/6

Error in the calculation

~~27025~~
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E192/E382

Fig. 2 (the first system). The stray capacitance for the second system of Fig. 2 is expressed by:

$$\text{II. } C_e = \pi d \left(0.077 \log \frac{3.8}{s} + 0.0405 \epsilon \right) \quad (4)$$

while for the third system where the diameter of the electrodes is equal to the diameter of the sample, it is given by:

$$\text{III. } C_e = \pi d \left(0.058 \log \frac{1.5}{s} + 0.0185 \epsilon \right) \quad (5) .$$

By combining Eqs. (3), (4) and (5) with Eq. (2), it is possible to derive formulae for ϵ . These formulae express ϵ as a function of C_x , d and s . The error in determining ϵ is therefore dependent on the error of measurement of the capacitance as well as the error in determining the size of the electrodes.

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27425

Z/014/61/000/009/002/003
E192/E382

Error in the calculation of

This formula gives an error up to 30%. The more accurate formula is:

$$\varepsilon = \frac{C_x - C_e}{C_o} \quad (2)$$

where C_x is the measured capacitance in pF,
 C_o is the equivalent geometrical capacitance, and
 C_e is the capacitance taking into account the stray field.

The magnitude of C_e depends on the geometry of the electrodes and for a capacitor without a screening electrode it is expressed by:

$$I. C_e = \pi r d \left(0.058 \log \frac{1.5}{s} + 0.0185 \varepsilon \right) \quad (3) .$$

The electrode configuration for this formula is illustrated in

Card 2/6

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Z/014/61/000/009/002/003
E192/E382

9.2110 (1001, 1153, 1385)

AUTHOR: Hamerský, Jaroslav, Engineer

TITLE: Error in the calculation of the dielectric constant
as a function of its absolute value and the shape of
the electrodes

PERIODICAL: Sdělovací technika, no. 9, 1961, pp. 329 - 330

TEXT: In the evaluation of permittivity from the capacitance
and geometric dimensions of the measuring capacitor, it is
usually necessary to introduce a correction factor which takes
into account the stray field. However, this method is
successful in determining the permittivities lower than 100,
while serious errors are encountered if the permittivity is
higher. Usually, the approximate formula for the calculation
of the dielectric constant or permittivity ϵ is:

$$\epsilon = C_x / C_o \quad (1) .$$

Card 1/6

HAMLETS, JAROSLAV

1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 26

Signature (Print Name) _____

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

CONFIDENTIAL

[illegible]

HAMERSKA, H.

"Economic application of the system of six-degree bands of the Gauss projection for mapping on large scales."

p. 49 (Kartograficky Prehled) Vol. 10, no. 2, June 1956
Prague, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

KOZIC, M.; HAMERSKA, B.; MIHALJEVIC, C.

Our experiences with intracranial tumors. Neuropsihijatrija
7 no.3:177-195 '59.

1. Iz Kirurske klinike Med. fakulteta u Zagrebu, Predstojnik:
dr. D. Juzbasic.
(BRAIN NEOPLASMS surg.)

HAMERSAK, B.

On stenosis of the aqueduct of Sylvius. Neuropsihijatrija 9 no.1:
19-37 '61.

1. Iz Kirurske klinike Med. fakulteta u Zagrebu (Predstojnik: Prof.
dr. D. Juzbasic).

(CEREBRAL VENTRICLES dis)

HAMERSAK, B.

Organization and characteristics of neurosurgical services in Denmark.
Acta chir.iugosl. 7(8) no.1:70-73 '60.
(NEUROSURGERY)

HAMERSAK, Boris, dr.

Early diagnosis of intracranila tubros. Lijec. vjes. 81 no.9-
10:685-693 '59.

1. Iz Neurokiruruskog odjela Kirurske klinike Medicinskog fakulteta
u Zagrebu.
(BRAIN neopl.)

EXCERPTA MEDICA Sec 19 Vol 3/3 Rehabilitation Mar 60

427. **Denervation of the upper limbs. Experience in 104 cases of sympathectomy** Problem simpaticke denervacije gornjih ekstremiteta. (Oskustva na 104 simpatektomije). HAMERSAK B. Kir. Klin., Med. Fak., Zagreb. *Acta chir. iugosl.* 1958, 5/1 (290-301) Illus. 1

In the last 11 yr., 104 sympathetic denervations of the upper limbs have been carried out at the neurosurgical department of the Surgical University Clinic in Zagreb. In 82 cases the cause was Raynaud's syndrome, in 8 causalgia and in 14 hyperhidrosis. Sixty patients were operated on and underwent 15 stellectomies, 80 gangliectomies of the 2nd and 3rd thoracic ganglia and 9 gangliectomies of the 1st, 2nd and 3rd thoracic ganglia. Clinical experience and 2 to 8 years' postoperative follow-up led to the following conclusions: (1) The complicated anatomical conditions in the cervicothoracic region are responsible for the better results of lumbar than of thoracic sympathectomy. (2) The short-lasting postoperative results of preganglionic sympathectomy in Raynaud's syndrome are attributable to incomplete denervation in the cervical-thoracic region. (3) The postoperative effects of postganglionic sympathectomy persists in the same way as after preganglionic sympathectomy in which the possibilities of regeneration are much greater. (4) The side effects, such as Horner's syndrome and vasodilatation in the nasal mucosa, rarely cause considerable inconvenience, but if these are present they are outweighed by correct indication and prolonged postoperative effects. IX, 19

HAMERSAK, Boris, Dr.; MIHALJEVIC, Cvjetko, dr.

Intracranial expanding processes from a prognostic viewpoint;
review of 10-years of experience of the neurosurgical ward.
Lijec. vjes. 79 1-2:25-38 Jan-Feb 57.

1. Iz Neurokirurškog odjela Kirurške klinike Medicinskog fakulteta
u Zagrebu.

(BRAIN NEOPLASMS, surg.
postop. progn. (Ser))

GVOZDANOVIC, V.; HAMERSAK, B.; KOZIC, M.

Experience with encephalography with small amount of air.
Neuropsihijatrija 3 no.2:77-91 1955.

1. Iz Zavoda za rentgenologiju i radium terapiju (Pred: Prof. dr. M. Smokvina) i Kirurske klinike (Pred: Prof. dr. D. Juzbasic) Medicinskog fakulteta u Zagrebu.
(BRAIN, radiography,
encephalography with small amount of air.)

HAMERSAK, Boris

Brain abscesses in a diagnostic problem. Neuropsihijatrija 2 no.
3:152-158 1954

1. Iz Kiruske klinike Medicinskog fakulteta u Zagrebu. Predstojnik:
Prof. Dr. D. Juzbasic.

(BRAIN, abscess,
diag.)

(ABSCCESS,
brain, diag.)

HAMERNIK, Rudolf

Potassium silicate for aqueous sedimentation of picture tube
screens. Sdel tech ll no. 12: 468-469 D '63.

CZECHOSLOVAKIA/Chemical Technology. Chemical Products H
and Their Uses. Part II. Ceramics, Glass,
Binding Materials. Concrete.

Abs Jour : Ref Zhur-Khimiya, No 15, 1958, 51059

oxide determination in borine glass gives
good results and does not require much
time or large outlay of chemicals. Analy-
sis of two samples lasted 2¹/₂ hours of
net working time. This method may be ad-
apted to the analysis of other types of glas-
ses. -- O. Brykin

Card : 3/3

CZECHOSLOVAKIA/Chemical Technology. Chemical Products H
and Their Uses. Part II. Ceramics, Glass,
Binding Materials. Concrete.

Abs Jour : Ref Zhur-Khiniya, No 15, 1958, 51059

of Na line on K and vice versa, as well
as the effect of Ba and Al. A flame photo-
meter with filters transmitting wavelengths
of 589 m μ for Na and 770 m μ for K was
used for the analysis. Air-acetylene flame
was used. A detailed description of the ana-
lytical method was given. On each occasion
the flame photometer was used for 10 minutes
at air pressure of 0.3 atm and acetylene pres-
sure of 45 mm of H₂O. Formulae for the calcu-
lation of alkali contents in glasses, accor-
ding to the reading of instruments and by a
comparison with standard solutions were pre-
sented. The described method of alkali metal

Card : 2/3

CZECHOSLOVAKIA/Chemical Technology. Chemical Products and Their Uses. Part II. Ceramics, Glass, Binding Materials. Concrete.

Abs Jour : Ref Zhur-Khimiya, No 15, 1958, 51059

Author : Hamernik, Rudolf

Inst : -

Title : Determination of Alkali-Metal Oxides in Barium Glass by Means of a Flame Photometer.

Orig Pub : Sklar a Keranik, 1957, 7, No 10, 309-310

Abstract : A specific method for the determination of Na_2O and K_2O in barium glass, by means of Zeiss photometer, Model III, was devised by the author. This method takes into account the possible sources of error, effect

Card : 1/3

HAMERNIK, F.

"Zoning of agricultural production in Czechoslovakia. In Russian"

Za Sotsialisticheskuiu Selkhoziaistvennuiu Nauku. Praha, Czechoslovakia. Vol. 7,
no. 2, 1958

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 6, Jun 59, Unclass

HAMECHNIK, F.

"Zoning of agricultural production in relation to Michurin's agricultural biology."

VESTNIK. Praha, Czechoslovakia, Vol. 5, No. 7/8, 1948.

Monthly List of East European Accessions (EEA1), LC, Vol. 8, No. 2, September 1959.

Unclassified.

HANERLIF, F.; WEINEROVA, E.; SMIZANOVA, S.

Principles of the regional breeding of pigs and sheep. p. 312.
(VĚSTNIK, Vol. 4, No. 5/6, 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EMAL) LC, Vol. 6, No. 12, Dec 1957. Uncl.

HAMERNIK, Emil

Revolutionary Trade Union Movement's new tasks in promoting
material incentives. Prace mada 13 no.2/49-51 P 166.

HAMERNIK, Emil

Second Plenary Meeting of the Central Council of Trade Unions
and annual membership meetings of the basic organizations of
the Revolutionary Trade-Union Movement. Prace mzda. 11 no.9:
393-395 S'63.

1. Vedouci organizacniho oddeleni Ustredi rady odboru.

HAMERNIK, EMIL.

Technicky zduvodnene normy.

Praha, Czechslovakia. 1959. 169 p.

Monthly list of East European Accessions (EEAI) LC, Vol. 9, no. 2, Feb. 1960.

Uncl.

HAMERLINSKI, Janusz, inz.

Comparable standard for measurements of the quantity of production in the shipbuilding industry. Bud okretowe Warszawa 8 no. 6: 198-201 Je '63.

1. Stocznia im. Komuny Paryskiej, Gdynia.

HAMERLAK, Stanislaw

The dedusting system; Venturi tube, foam washer. Problemy proj
hut maszyn 10 no.11:337-341 N '62.

1. Biprohut, Gliwice.

HAMERAK, M.

H-4

RUMANIA/Chemical Technology, Chemical Products and Their
Application, Part 1. - Corrosion, Protection from
Corrosion.

Abs Jour: Referat. Zhurnal Khimiya, No 10, 1958, 32867.

Author : M. Hamerak.

Inst : Not given.

Title : Cathodic Protection of Gas Pipeline with Galvanic Anodes.

Orig Pub: Petrol si gaze, 1957, 8, No 6, 309-313.

Abstract: The protection of a gas pipeline 5.5 m in diameter and
1700 m long with anodes of 99.9% pure Zn is described.
The resistance of the soil along the course was mainly
in the range from 10 to 20 ohm per m and it rose to
41 - 45, even to 140 ohm per m in the 3 last sections.
The anode installation was carried out in special
castings of plaster-of-Paris and clay in the proportion

Ca

Card : 1/2

12

ILLEGIBLE

HAMEL-PUSKARIC, N.; DOGAN, S.; IVACIC-BOHACEK, V.; JUSIC, A.; DUPELJ, M.

Our experiences with the treatment of acute vascular insultus of the brain. Neuropsihijatrija 9 no.1:44-53 '61.

1. Iz Neurolosko-psihijatrijske klinike Med. Fakulteta - Zagreb
(Predstojnik: Prof. dr. R. Lopasic).

(BRAIN blood supply)

JUSIC, A.; HAMEL-PUSKARIC, N.; DOGAN, S.

EEG in acute vascular disorders of the brain. Neurepsihijatrija 9
no.1:12-18 '61.

1. Iz Neuroloske-psihijatrijske klinike Med. fakulteta u Zagrebu
(Predstojnik: Prof. dr. R. ~~L~~epasic).

(BRAIN blood supply)

HAMEL-PUSHARIC, N.

Vascular insultus in seizures of migraine. Neuropsihijatrija 8 no.4:
231-241 '60.

1. Iz Neurolosko-psihijatrijske klinike Medicinskog fakulteta u Zagrebu
(Predstojnik: Prof. dr. R. Lopasic).

(MIGRAINE compl) (BRAIN blood supply)

HAMEL-PUSKARIC, N.

Cerebral abscess in congenital heart diseases. Neuropsihijatrija
4 no.3-4:203-208 1956.

1. Iz Neurološko-psihijatrijske klinike Medicinskog fakulteta u Zagrebu (Predstojnik: Prof. dr. R. Lopasic).

(CARDIOVASCULAR DEFECTS, CONGENITAL, compl.

cerebral abscess (Ser))

(BRAIN, abscess

in congen. cardiovasc. defects (Ser))

HAMEL-PUSKARIC, N.

Importance of Nelson and Mayer's Treponema pallidum immobilization test in diagnosis of neurosyphilis. Neuropsihijatrija 4 no.2:81-89 1956.

1. Iz Neurolosko-psihijatrijske klinike Medicinskog fakulteta u Zagrebu. (Predstojnik: Prof. dr. R. Lopasic).

(NEUROSYPHILIS, diag.

Treponema pallidum immobilization test (Ser))

HAMEL-PUSKARIC, N.

Thrombophlebitis of intracranial sinuses and veins.
Neuropsihijatrija 3 no.3-4:216-243 1955.

1. Iz Neurolosko-psihijatrijske klinike Medicinskog fakulteta
u Zagrebu. Preds: Prof. dr. R. Lopasic.

(VEINS,

aspects. (Ser))

(CEREBRAL EMBOLISM AND THROMBOSIS,
cranial sinuses. (Ser))

HAMBURGER, Laszlo

Innovations in the service of technical development. Ujit lap 12
no.3:21 10 F '60.

1. Aluminiungyar.

HAMBURGER, L.

A review of Ian N. Sneddon's Elements of Partial Differential Equations.
p. 1309.

Academia Republicii Populare Romina. Institutul de Mecanica Aplicata.
STUDII SI CERCETARI DE MECANICA APLICATA. Bucuresti, "umania. Vol. 8,
no. 4, 1957.

Monthly list of East European Accessions (EEAI) LC, Vol. 8, no. 8, Aug. 1959

Uncl.

HAMBURGER, L.

On the Torsion of Certain Cylindrical Rods

Hamburger, L.; Dincă, Fl.; and Manca, V. Sur la torsion de certaines barres cylindriques. Acad. R. P. Romîne. Stud. Cerc. Mec. Apl. 8 (1957), 1091-1100. (Romanian. Russian and French summaries)

Dans la première partie du travail, on construit la fonction qui réalise la transformation conforme de l'intérieur du cercle unitaire sur l'intérieur d'un profil, ayant pour frontière deux courbes lisses, qui s'entrecoupent sous deux angles différents.

Dans la seconde partie, on indique une méthode de calcul approximative, utile dans le cas où l'intégrale de Schwartz, donnant la solution du problème, ne peut être effectuée sous forme fermée.

Résumé de l'auteur

3
1-F/W

HAMBURGER, L.

Foundations with intermediary elastic beds for machines generating shocks and periodic vibrations. p. 433. Academia Republicii Populare Romine. Institutul de Mecanica Aplicata. STUDII SI CERCETARI DE MECANICA APLICATA. Bucuresti. Vol. 6, no. 3/4, July/Dec. 1955.

So. East European Accessions List Vol. 5, No. 9 September, 1956

HAMBURGER.L.

"The Problem of Connecting Rod Vibration in Alternating Piston Machines."
p.828. BULETIN STIINTIFIC, Vol.3, No.2-4, Apr./Dec. 1951. Bucaresti,
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SO: Monthly List of East European Accessions, L.C.Vol. 2, No.11, Nov. 1953.
Uncl.

HAMBURGER, J.; VAYSSE, J.; CROSNIER, J.; TUBIANA, M.; LALANNE, C.M.; ANTOINE, B.;
AUVERT, S.; SOULIER, J.P.; DORMONT, J.; SALMON, Ch.; MAISONNET, M.;
AMIEL, J.L. (Paryz)

Transplantation of the kidney from hetero-ovular twin. Polski tygod.
lek. 15 no.51:1979-1984 19 D '60.

(KIDNEYS transpl)
(TWINS)

BALAZS, M.; BORSAN, D.; HAMBURG, P.

Relation compatibility. Studia Univ B-B S. Math-Phys 9 no.1:
7-19 '64.

BALAZS, M.; BORSAN, D.; FRODA-SCHLICHTER, M.; HAMBURG, P.

Relations between the parts of an ensemble. Rev math
pures 8 no. 3:477-491. '63

KULCSAR, G.J.; VODNAR, J.; JANKU, I.; KOHAN, J.; HAMBURG, E.

Study on the behavior of coal in the Virzari coal mine in extraction under pressure with solvents. Studia Univ B-B C Chem 8 no.1:457-463 '63

1. "Babes-Bolyai" University, Cluj.

MACAROVICI, Const. Gh.; SCHMIDT, G.; HAMBURG, Erika

Study of 1:1 complex combinations with diphenylic
derivatives. Pt. 9. Studii care chim 12 no. 1:
1962 Jan 64.

1. Department of General Chemistry of the Babes-Bolyai
University, Cluj.

KULCSAR, G.J.; HAMBURG, Erica; VODNAR, J.; KOHAN, J.

Turning indigenous brown coals to good account chemically.
Pt.2. Studii cerc chimie Cluj 14 no.1:125-136 '63.

1. Laboratory of General Chemical Technology, "Babes-Bolyai"
University, Cluj.

HODOSAN, Francisc; BALOGH, Arpad; HAMBURG, Erica

Steroids with modified lateral chains. Pt.1. Studii cerc chim
13 no.12:901-907 D '64.

1. Institute of Chemistry of the Romanian Academy, Cluj, 65
Donath Street.

HODOSAN, Francisc; BALOGH, Arpad; HAMBURG, Erica

Steroids with modified side chain. Pt. 1. Rev chimie Roum 9 no.12:
857-863 D '64.

1. Institute of Chemistry of the Romanian Academy, 65 Donath Street,
Cluj. Submitted August 10, 1964.

RIPAN, Raluca, acad.; VARHELYI, Cs.; HAMBURG, Erica

On the χ -dioxymates of transitional metals. Pt. II. Studii
cerc chimie Cluj 14 no.2:227-241 '63.

1. Chair of Inorganic and Analytical Chemistry, "Babes-Bolyai"
University, Cluj, and the Institute of Chemistry, Rumanian
Academy, Cluj Branch.

SILBERG, A.; HAMBURG, Erica; FRENKEL, Z.; COIMOS, L.

Contributions to the study of thiazoles. Pt. 7. Rev chimie Roum 9
no.3:215-228 Mar '64.

1. Laboratory of Organic Chemistry, Faculty of Chemistry, Babes-
Bolyai University, Cluj.

MA ROVERI, G.; GILBERT, G.; HAMMING, G.

Study of complex combinations of diphenyl derivatives. Pt. 4.
Rec. Chim. (Rome) 9 (6):51-63 Jan 1961

1. Laboratory of General Chemistry, University of Bari.

VARGHA, Eugen; BALAZS, Ilseana; HAMBURG, Erica

Contributions to the chemistry of the N-diacylaminoimides.
Pt.4. Studia Univ B-B S Chem 8 no.1:321-329 '63

1. "Babes-Bolyai" University, Cluj.

GREINER, Antal, dr.,; BRENNER, Ferenc, dr.,; HAMBALGO, Gyorgy, dr.

Diagnostic value of pain caused by alcohol consumption in
Hodgkin's disease. Orv. hetil. 97 no.21:583-584 20 May 56.

1. A Sopron Varosi Tanacs Korhaza Belosz. (igaz.-foorvos: Greiner
Antal dr.) kozl.

(HODGKIN'S DISEASE, manifest.

pain caused by alcohol consumption, diag. value (Hun))

(ALCOHOLIC BEVERAGES, eff.

pain in Hodgkin's dis., diag. value (Hun))

(PAIN

caused by alcohol consumption in Hodgkin's dis., diag.
value (Hun))

HAMBALK TASS

✓ 12-23 581.382.2(437)
 Summary from Yandovsk-Pankratov plant a criticality study pro additional study &
 discussion of the climatic suitability of the Pankratov plateau and adjacent
 slopes for settlement purposes. Meteorological survey, Prague, 11/11-14, Feb. 28, 1945.
 1. Climate, Russian and German summaries, p. 1. 2. Data - Climatic data for the Pankratov
 plateau are presented and discussed (precipitation, cloudiness, sunshine, fog, humidity,
 snow, snow cover, temperature, wind, 1941-1950). According to climate classifications
 of L. A. Gerasimov and M. I. I. the climate of Prague is identified as a dry, warm, sunny and
 well ventilated region, suited for settlement purposes, except for the northeastern slopes which
 are exposed to constant winds and have little sunshine and polluted air. Subject headings:
 1. Climate of Prague. 2. Urban climate. 3. Climate classification. 4. Prague, Czechoslovakia - G. 7.

100

HAMBÁLEK, J.

AMS

1

Hambálek, Josef, Vliv fohnu na kvalitu podnebí horní Čeladny (The influence of Fohn on the character of the climate of upper Čeladna). Meteorologické Zprávy, 4(1-2): 9-14, 1950. 2 figs., tables. MH-BH- The upper part of the village of Čeladna is situated 500 to 600 m above sea level on the northern spur of the Smrk mountain chain and is open to the W. and N.W. but less so to the N., N.E., and E. A comparison between weather elements in Čeladna and Ostrava shows noticeable differences. All these can be attributed to the influence of fohn. In Čeladna 47% of all winds in the fall bear the character of fohn. In winter this is 37% and in spring 36%. There is hardly ~~any~~ any fohn in summer. A detailed map shows location of hills, valleys and towns, and extent of fohn winds. Subject Headings: 1. Fohn effects 2. Orographic effects 3. Beskids, Czechoslovakia. - G.I.

SEDLACEK, V.; HAMBACH, R.

Acrokeratosis verruciformis Hopf and Darier's disease. Cesk.
derm. 38 no.3:204-208 Je '63.

1. Dermato-venerologicke oddeleni nemocnice v Jihlave, vedouci
MUDr. V. Sedlacek Patologickoanatomicke oddeleni OUNZ v
Jihlave, vedouci MUDr. R. Hambach.
(ACRODERMATITIS) (KERATOSIS)
(KERATOSIS FOLLICULARIS)

HAMBACH, Rudolf; STUDENY, Jan

Morphological changes in fetal livers in perinatal anoxia. Pat. polska
13 no.2:195-203 '62.

1. Z Zakladu Anatomii Patologicznej, Panstwowy Szpital Jihlava CSR
Kierownik: dr R. Hambach.
(ASPHYXIA NEONATORUM pathol) (LIVER pathol)

HAMBACH, R.; KOHOUTEK, J.; STUDENY, J.; SVOJITKA, J.

Hypoxic changes in the liver cells with special reference to asphyxia neonatorum. (Histopathological, experimental and biochemical studies). Cas. lek. cesk. 99 no. 15: 453-459 8 Ap '60.

1. Patologicko-anatomicke oddeleni, primar-prosektor MUDr. R. Hambach. Ustredni laboratore, primar MUDr. J. Svojitka, KUNZ v Jihlave.
(LIVER pathol.)
(ASPHYXIA NEONATORUM pathol.)

EXCERPTA MEDICA Sec 5 Vol 12/9 General Path. Sept 59

2747. MORPHOLOGY OF MASSIVE OSTEOLYSIS - Zur Morphologie der massiven Osteolyse - Hambach R. Abt. für Pathol. Anat., Staat. Krankenh. Jihlava, CSR - ZBL. ALLG. PATH. PATH. ANAT. 1958, 98/5-6 (298-306)

A case of massive osteolysis in a 16-year-old boy is described. Within 14 months the osseous tissue in the right pectoral girdle, the proximal half of the humerus and parts of the 3rd and 4th cervical vertebrae vanished completely. On biopsy and autopsy a benign cavernous haemangioma was found instead of the bone. The cause is considered to be a congenital inferiority of a limited part of the osseous vessels, which then are apt to proliferate; this proliferation may be caused by a slight trauma. The cases reported in the literature are represented in tabular form.

Güthert - Erfurt (V, 9, 16)

HAMBACK, Rudolf

Sudden death during sport performance caused by influenza. Cas. lek. cesk. 97 no.11:341-343 14 Mar 58.

1. Pathologickoanatomicke oddeleni KUNZ v Jihlavy, primar-prosektor R. Hambach.

(DEATH, SUDDEN

of athlete with influenza during running match (Cz))

(ATHLETICS

sudden death of athlete with influenza during running match (Cz))

(INFLUENZA

in athlete, sudden death during running match (Cz))

EXCERPTA MEDICA Sec 14 Vol 13/6 Radiology June 59

1143. MASSIVE OSTEOLYSIS DUE TO HEMANGIOMATOSIS. REPORT OF A CASE OF GORHAM'S DISEASE WITH AUTOPSY - Hambach R., Pajman J. and Malý V. Dept. of Pathol., State Hosp., Jihlava; Dept. of Surg., State Hosp., Pelhřimov and Dept. of Roentgenol., State Hosp., Jihlava - RADIOLOGY 1958, 71/1 (43-47) Illus. 7

A case of massive osteolysis in a boy aged 16 yr. is described. The osteolysis started in the right scapula, and within 14 months the right clavicle, the head of the right humerus and parts of 2 cervical vertebrae completely disappeared in the X-ray picture. Histological examination of the tissues removed at biopsy showed cavernous haemangioma with no signs of malignancy. Nevertheless, the condition ended fatally in 14 months. The presence of an angiomatous tumour was also established during life by angiography. The post-mortem examination confirmed the diagnosis of massive osteolysis associated with haemangiomatosis. The case closely resembles observations published by Gorham et al. and confirms the conclusions of Gorham and Stout that massive osteolysis may be caused by haemangiomatosis of bone. The actual mechanism of the massive absorption of bone tissue in this condition is still unknown.

Bláha - Prague (XIV, 5, 6, 16)

PUJMAN, J.; MALY, VL.; HAMBACH, R.

Massive osteolysis caused by hemangiomatosis. Acta chir. orthop. traum. cech. 25 no.6:403-412 Nov 58.

L. Chirurgické odd. Okresní nemocnice v Pelhřimově, přednosta primár MUDr. J. Pujman Rentgenologické odd. Krajské nemocnice v Jihlavě, přednosta primár MUDr. Vl. Maly Prosektura Krajské nemocnice v Jihlavě, přednosta primár MUDr. R. Hambach.

(ANGIOMA, compl.

hemangiomatosis of bone causing massive osteolysis in 16-year old boy (Cz))

(BONE DISEASES, etiol. & pathogen.

massive osteolysis caused by hemangiomatosis of bone in 16-year old boy (Cz))

CZECHOSLOVAKIA / General Problems of Pathology. Tumors. Human U-4
Neoplasia.

Abs Jour : Ref Zhur - Biol., No 20, 1958, No 94013

Author : Hromadkova, M.; ~~Hambach, R.~~

Inst : Not given

Title : Mixed Mesenchymoma of the Uterus

Orig Pub : Ceskosl. gynaekol., 1958, 23-37, No. 1-2, 52-58

Abstract : A case is described of a mesenchymal tumor of the corpus uteri in a 52-year-old woman who died 8 months after the appearance of initial symptoms as a result of generalization of the process. The histological study revealed tumors of the muscle, myxomatous, connective, and cartilaginous tissues. The clinical picture, histogenesis, and morphology of the disease are discussed.

Card 1/1

HROMADKOVA, M. RUDOLPH
HROMADKOVA, Miluse, MUDr.; HAMBACH, Rudolf, MUDr.

Mixed mesenchymal tumors of the uterus. Cesk. gyn. 22[37] no.1/2:52-58 Jan 58.

1. Por. a gyn. odd. KUNZ v Jihlave, prim. Dr. M. Hromadkova. Patol
.-anat. odd. KUNZ v Jihlave, prim. Dr R. Hambach. M. H., KUNZ v Jihlave.
(UTERUS NEOPLASMS, case report
mixed tumors (Cz))

HAMBACH, R.
EXCERPTA MEDICA Sec.5 Vol.9/12 Pathology Doc 56

3547. HAMBACH R. Pathol. -Anat. Odd. Krajské Nemocnice, Jihlava. *Příspěvek k otázce kombinace vrozených srdečních vad s mongolismem. Contribution to the question of the combination of congenital malformations of the heart with mongoloid habitus ČAS. LÉK. ČES. 1956, 95/12 (317-321) Tables 2

In a 21-month period 34 cases of congenital heart disease were observed, from which 17 cases were found in children with mongoloid habitus. Only in 7 from 24 observed cases of mongolian idiotism the heart appeared normal. Contrary to the statement of other authors, several cases of transposition of the great vessels were seen in mongoloid children, but the other findings confirmed the generally accepted experience, that the most common malformation of the heart in mongoloid children is an open atrial septum and persistent common atrioventricular os-tium. (This paper appeared in German also in: Ann. Paed. (Basel) 1954, 183, 77.)

Hambach - Jihlava (VII, 5)

HAMBACH, R.

EXCERPTA MEDICA Sec.5 Vol.9/11 Gen.Pathology Nov 56

3333. HAMBACH R. Kreiskrankenh., Jihlava, CSR. * Über ein schleimbildendes Pankreaskarzinom mit Lungenmetastasen. Zugleich ein Beitrag zur Frage der sogenannten Alveolarzellkarzinome. A mucus-secreting pancreatic carcinoma with pulmonary metastases. Also a contribution to the problem of so-called alveolar cell carcinomas ZBL. ALLG. PATH. PATH. ANAT. 1956, 94/9-10 (455-460) Illus. 4

Description of a case. The route of metastasization was shown to be the thoracic duct. The type of metastasization had raised the clinical suspicion of a so-called primary alveolar cell carcinoma. This case is a contribution to the criticism on the so-called primary carcinomas of alveolar epithelium of the American literature and to support the theory that these carcinomas are usually metastatic tumours.

Löblich - Hannover (V, 16)

HAMBACH, Rudolf, Dr.

Some notes of an amateur on microphotography. Cas. lek. cesk.
94 no.23:630-631 3 June 55.

1. (Pathologicko-anatomicke oddeleni krajske nemocnice v
Jihlavy) za technicke spoluprace F. Hajce.

(PHOTOGRAPHY

microphotography, med., practical hints.)

HAMBACH, R., MUDr.; HRAZDIRA, C. L., MUDr., RNDr.; ZAK, R., MUDr.

Facial actinomycosis with cerebral complications and actinomycotic bronchopneumonia. Cas. lek. cesk. 93 no.7:175-179 12 Feb 54.

1. Z pathol. anat. odd. KUNZ v Jihlave: pred. prof. Dr. Pavlica.
Z neurol odd. OUNZ v Trebici: pred. Dr. B. Chytka. Z Chir. odd.
OUNZ v Trebici: pred. doc. Dr. K. Holubec.
(ACTINOMYCOSIS,
facial, with cerebral & bronchopulm. involvements.)

НАБАТОВА-ИВАНКОВА, Л.

Preparation of "Nitrazon", a bacterial inoculant for the
application in fertilizing papilionaceous plants.
Sverdlovsk to Kaluzh Republic. Byokovskaya 21. 1961.
661-606 1961.

HAMATOVA, Eva, dr., C.Sc.

On some properties of Nitrazon. Vestnik CSAZV 9 no.1:
3-8 '62.

1. Vyzkumny ustav rostlinne byroby, Praha-Ruzyna.

HAMATOVA, Eva

Influence of Gamma Radiation on the nitrogen fixation activity of *Rhizobium japonicum* in symbiosis with two varieties of soybeans. Acta microbiol. Pol 13 no.3:247-253 '64.

1. From the Central Research Institute of Plant Production, Praha 6 -- Ruzyně, Czechoslovakia.

HAMATOVA, Eva, inz. dr. CSc.

Congress of the Polish Association of Microbiologists in
Wroclaw. Vest ust zemedel 11 no. 4:128-131 '64.

1. Central Research Institute of Plant Production, Prague-
Ruzyne.

HAMATOVA, Eva, inz. dr. CSc.

Research on rhizobia and other problems of soil microbiology in Hungary. Vest ust zemedel 11 no.2/3:66-70 '64.

1. Central Research Institute of Plant Production, Prague-Ruzyne.

HAMATOVA, Eva, dr., ScC.

Research on rhizobia and other problems of soil microbiology in Poland. Vest ust zemědel 10 no.6/7:218-224 '63.

1. Ustředni výzkumny ústav rostlinné výroby, Praha-Ružyně.

HAMATOVA, Eva, inz. dr., ScC.

Specific effect of *Rhizobium japonicum* on different soya varieties. Rost vyroba 9 no. 7/8: 728-731 J1-Ag '63.

1. Ustredni vyzkumny ustav rostlinne vyroby, oddeleni mikrobiologie, Ruzyne.

PLISKOVA, Marta, inz.; HAMATOVA, Eva, inz. dr., ScC.

Effect of mulching on the development of microflora. Rost
vyroba 9 no.5:501-510 '63.

1. Ustredni vyzkumny ustav rostlinne vyroby, mikrobiologicke
oddeleni, Ruzzyne.

HAMATOVA, Eva, inz., dr., C.Sc.

Collection of agricultural microbes of the Central Institute
for Plant Production in Prague- Ruzyna. Vestnik vyzk zemedel
9 no.11:529 '62.

1. Ustredni vyzkumny ustav rostinne vyroby, Praha-Ruzyne.

HAMATOVA, E.

"Effect of plants on the variability in the microbes of inoculation substances."

VESTNIK. Praha, Czechoslovakia, Vol. 5, No. 7/8, 1958.

Monthly List of East European Accessions (FEAI), LC, Vol. 8, No. 9, September 1959.

Unclassified.

HAMATA, V.; CEMUS, J.

Universal model of a synchronous motor. p.355

ELEKTROTECHNICKY OBZOR. (Ministerstvo težkeho strojirensktvi a Ceskoslovenske vedecka technicka spolecnost pro eletrotechniju pri Ceskoslovenske akademii ved) Praha, Czechoslovakia
Vol.48, no.7, July 1959

Monthly List of East European Accessions (EEAI) LC, Vol.8, no.11
Nov. 1959
Uncl.

PHASE I BOOK EXHIBITION NOV. 4-10

Excluded from article was: Excluded
Excluded from article was: Excluded
of the Institute for Research in
Oscar Kelly of Gaines Co. (1957)
140 p. 1,250 copies printed.

[illegible]

PURPOSE: This collection of articles is intended for specialists in the field of high-voltage technique.

OVERVIEW The 1990s have been a decade of change for the U.S. health care system. The industry has been reeling from the impact of managed care, which has led to a shift in the way health care is delivered and paid for. This has resulted in a new emphasis on cost containment and efficiency. The industry has also been facing a new wave of competition from managed care organizations, which are now able to negotiate better rates with providers and payers. This has led to a new emphasis on quality of care and patient satisfaction. The industry has also been facing a new wave of regulation, which has led to a new emphasis on compliance and risk management. This has resulted in a new emphasis on transparency and accountability. The industry has also been facing a new wave of technology, which has led to a new emphasis on innovation and research. This has resulted in a new emphasis on patient care and outcomes. The industry has also been facing a new wave of demographics, which has led to a new emphasis on aging and chronic care. This has resulted in a new emphasis on prevention and early intervention. The industry has also been facing a new wave of economics, which has led to a new emphasis on cost containment and efficiency. This has resulted in a new emphasis on value-based care and patient outcomes. The industry has also been facing a new wave of politics, which has led to a new emphasis on advocacy and public policy. This has resulted in a new emphasis on transparency and accountability. The industry has also been facing a new wave of culture, which has led to a new emphasis on diversity and inclusion. This has resulted in a new emphasis on patient care and outcomes. The industry has also been facing a new wave of ethics, which has led to a new emphasis on integrity and honesty. This has resulted in a new emphasis on patient care and outcomes. The industry has also been facing a new wave of law, which has led to a new emphasis on compliance and risk management. This has resulted in a new emphasis on transparency and accountability. The industry has also been facing a new wave of science, which has led to a new emphasis on innovation and research. This has resulted in a new emphasis on patient care and outcomes. The industry has also been facing a new wave of technology, which has led to a new emphasis on innovation and research. This has resulted in a new emphasis on patient care and outcomes. The industry has also been facing a new wave of demographics, which has led to a new emphasis on aging and chronic care. This has resulted in a new emphasis on prevention and early intervention. The industry has also been facing a new wave of economics, which has led to a new emphasis on cost containment and efficiency. This has resulted in a new emphasis on value-based care and patient outcomes. The industry has also been facing a new wave of politics, which has led to a new emphasis on advocacy and public policy. This has resulted in a new emphasis on transparency and accountability. The industry has also been facing a new wave of culture, which has led to a new emphasis on diversity and inclusion. This has resulted in a new emphasis on patient care and outcomes. The industry has also been facing a new wave of ethics, which has led to a new emphasis on integrity and honesty. This has resulted in a new emphasis on patient care and outcomes. The industry has also been facing a new wave of law, which has led to a new emphasis on compliance and risk management. This has resulted in a new emphasis on transparency and accountability. The industry has also been facing a new wave of science, which has led to a new emphasis on innovation and research. This has resulted in a new emphasis on patient care and outcomes.

VII. Lesný zálež, and Průmyslový území. Investigation of Space-Character Characteristics with Special Consideration for Very High Voltages. There are 10 references; 2 Czech, 4 English, and 4 German. 93

VIII. ~~HANNA, KATLY~~ Transfer of a Charge in Electrostatic Machines with a Dielectric Transmitter 121

There are 3 references: 2 Czech and 1 French.

IX. Staci, M. J. Conductive Cylinder in a Magnetic Field 137
There are 3 references: 3 Soviet, 2 English, and 1 German.

AVAILABLE: LIBRARY OF CONGRESS

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HAMATA, V.

The Hall generator and its application. p. 405. (ELEKTROTEKHNIKY SOZOK,
Vol. 46, No. 3, Aug 1957, Praha, Czechoslovakia)

CO: Monthly List of East European Accessions (FEAD) 10, Vol. 6, No. 12, Dec 1957. Incl.

HAMATA, V.

HAMATA, V. Use of the Hall generator in high-voltage electrical engineering. p. 25.

Vol. 12, no. 1, Jan. 1957

ELEKTROTECHNIK

TECHNOLOGY

Czechoslovakia

So: East European Accession, Vol. 6, No. 5, May 1957

HAMATA, V.

A.C. MODEL FOR THE SALIENT-POLE SYNCHRONOUS MACHINE WHEN STARTING AS AN INDUCTION MOTOR.

V. G. Gerasimov and V. Hamata.

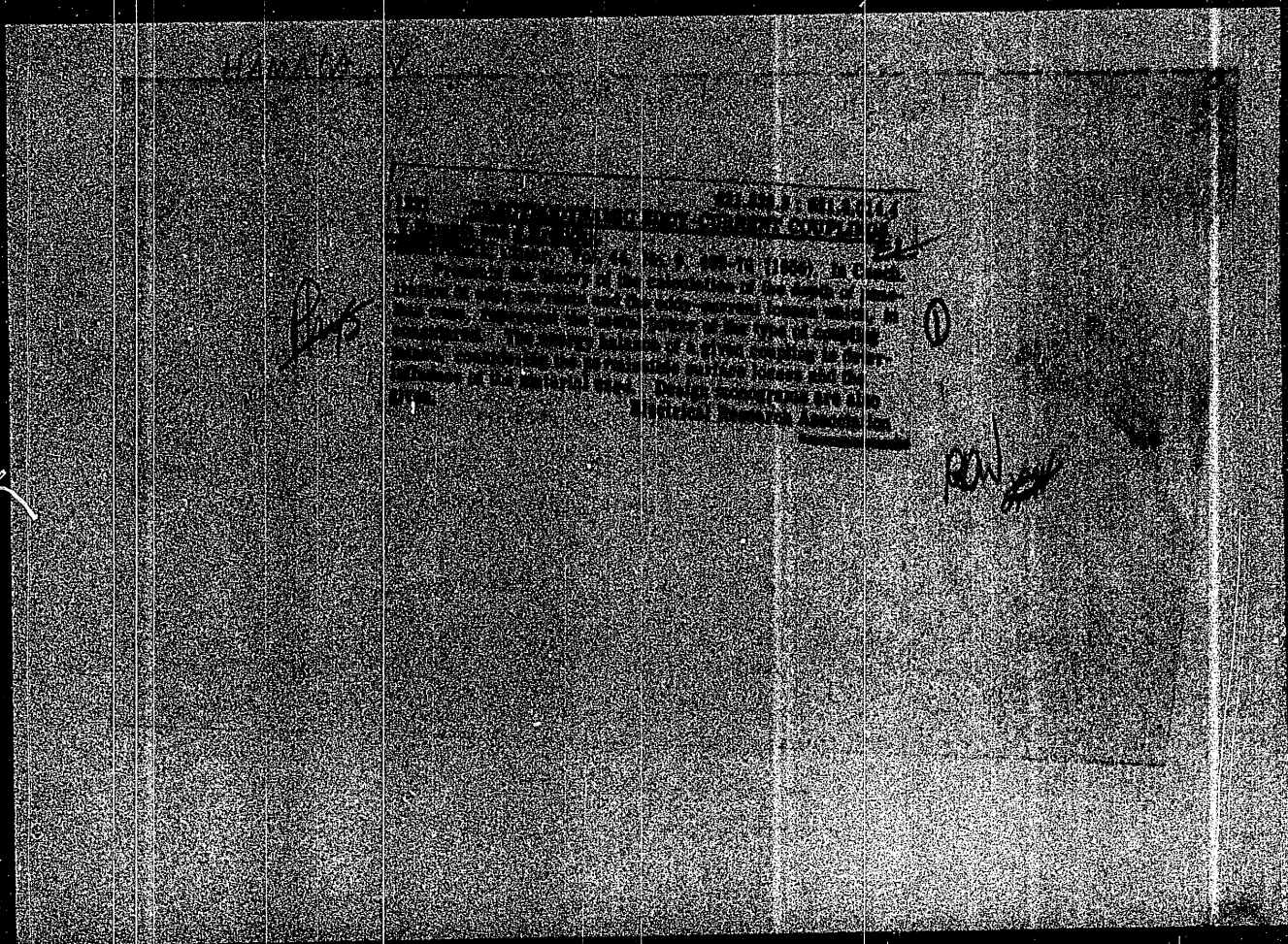
Acia tech. (Prague), Vol. 15, No. 4, 235-60 (1956). In German, with summary (1 p.) in Russian.

A discussion of equivalent circuits, consisting of resistances, reactances etc., to represent the action of the machine. An equivalent circuit described by Schammel (Jb. A. E. G. Forsch., 148, 1939) is criticized, mainly because the accuracy of the inductances is difficult to obtain over the range of frequencies required. A new circuit is developed in which negative resistances (amplifiers with positive current feedback) are used as impedance converters. The theory is fully explained by means of matrix algebra. The method of testing is described and tests are compared with Schammel's results, showing good agreement.

R.G. Johnson

4

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HAMADA, V.

Alternating - current circuits for bipolar models.

P. 64. (Ceskoslovenska akademie ved. Ustav pro elektrotechniku. Praha.
Vol. 3, 1955 (published 1956)

Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 2,
February 1956

H. J. M. S. T. A. V.

001 313 31 6334 53
MAGNETIC CAUSES OF NOISE IN SYNCHRONOUS
MACHINES

*Dicty
Dye
Dye*

by J. J. M. S. T. A. V. (1954). In Czech.
Synchronous machines are not sensitive to the effects of
space harmonics owing to the relatively large air gaps.
Slip-ring machines without commutators are unfavourable with
small number of slots per pole and phase. The effect of
noise is studied and the number of slots the number of slots
attributable to the propagation of noise is indicated and recom-
mended for consideration in the event of the induction to the air
in departing from the and wave as a consequence of the
air harmonic. Magnetic forces can become dangerous when
the frequency of their waves coincides with the number of poles.
The effect of rotor reaction is studied and applied to salient-
pole rotors with or without a danger and to smooth rotors
and synchronous.

EE

J. C. Stark

[Handwritten signature]

HAMATA, V.

✓4034. Magnetic noise of d.c. machines. V. HAMATA.
Elektrotech. Obzor, 43, No. 6, 314-24, 1953, 1p.
 Czech.

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This is caused by the undulating progress of magnetic flux which is a consequence of decreased flux above slots. The radial and tangential components of magnetic forces in the air gap are responsible for stator saddle vibrations and for ensuing magnetic noises. Machines without pole-face (compensating) windings develop vibrations up to and including oscillations of the 2nd order; the diagonal flux of armature reaction evokes oscillations of the 2nd order as a consequence of the trapezium shape progress of induction underneath the poles. Large machines are liable to increase noises by promoting oscillations of the zero order through resonance. Pole-face windings are responsible for so-called "long wave" magnetic forces; conditions of a noiseless design are given in a series of formulae. Uni-lateral bias of slots or poles eliminates the armature imposing vibrations of the 1st order on the stator. However, tangential and radial forces can induce oscillations of the 2nd and 3rd order respectively, the latter ones being apt to attain considerable intensity. Pole bias appearing at steps of full slot displacement will result in a noiseless machine. Bi-lateral pole bias at half steps of slot displacement will also produce noiseless characteristics.

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HAMATA, V.

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497. The effect of the arrangement of windings with several parallel branches on the magnetic noise of induction motors. V. HAMATA. *Elektratech. Obozr.*, No. 9, 476-481 (1959).

The magnetic noise of an induction motor can be influenced only if the parallel branches of the winding are not symmetrical. This condition is usually due to imperfections in manufacture. The effect of the eccentricity of the air-gap upon the non-symmetry of the branches and thereby on the machine noise is discussed in detail.

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HATADA, Y.

Czechoslovak radio transmitter equipment.

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